IZER E. ONADIM

izeronadim.github.io| github.com/IzerOnadim | linkedin.com/in/izeronadim

Computing student at Imperial College London with two years of programming experience, an outstanding academic record and excellent communication skills.

Technical Skills

- Confident **Python** programmer, with experience using NumPy, Matplotlib, Pandas, PyQt5 and Pygame.
- Experienced with **Java**, **C**, **Haskell**, **HTML5**, **CSS**, **SQL**, **Git** and basic **JavaScript** and **R**.
- Familiar with procedural, object-oriented and functional programming, **algorithms** and **data structures**.
- Comfortable with **WordPress**, running personal website (**onadim.net**) and portfolio (**izeronadim.github.io**).

Education

2019 – 2023, Imperial College London, Computing (Artificial Intelligence and Machine Learning) (MEng)
  Relevant Courses: Graphs & Algorithms, Java, C, Haskell, Databases, Discrete Maths, Logic, Architecture, Systems.
2007 – 2019, Dulwich College, London, UK
  A-Levels: Computer Science (**A***), Physics (**A***), Maths (**A***), Further Maths (**A**). Elected to be a Senior Prefect.
  GCSEs: 11 **A***s. Free-Standing Mathematics Qualification from OCR (**A** - highest grade).

Work Experience

March 2020, Morgan Stanley, London, UK – Spring Technology Intern (Virtual)
  Developed networking and communication skills in a virtual placement with Morgan Stanley technology team.
  Gained insight into the organisation of large-scale projects and trends in technology and fintech industries.
Aug 2018, British Telecom, Research Headquarters, Adastral Park, Martlesham, UK
  Joined the machine learning team, implemented and optimised Deep Learning models on many different datasets using **R** and the **H$_2$O** library. Investigated the inner workings and performance of different machine learning models from multilayer perceptrons to convolutional and recurrent neural networks.
Sep 2017 - Jun 2018, Young Enterprise Competition, London, UK
  Launched and ran a small successful company with a team of students, gaining organisational, teamwork and leadership skills. Managed the team's finances, producing profit and loss accounts and balance sheets.
Jul 2017, FIAT Chrysler Automobiles N.V., Bursa, Turkey
  Joined networking team responsible for production network infrastructure and gained experience in the use of firewalls and virtual machines to prevent data breaches, and redundancy to enable uninterrupted production.

Projects

ARM 11 Emulator and Assembler in C
  Led a team of four in making an emulator and assembler for **ARM11** architecture, written in **C**. Improved leadership, teamwork and programming skills, and gained experience in using **Git** to coordinate a group project.
Python Video Game
  Designed and developed a game in Python, implementing features such as multiple game modes, pausing, saving, loading, a responsive user interface and high score system. Compiled to and distributed as an executable.
Python Web Scraper
  Produced a Python program that scrapes specified data from a given website and formats it into a CSV file. Implemented feature that sends an email notification when the price on a desired item drops below a given value.
Portfolio: izeronadim.github.io
  Developed a portfolio to showcase projects completed outside of university. Used **HTML**, **CSS** and **JavaScript** to create a smooth and highly responsive website. Implemented using GitHub pages, gaining experience with **Git**.

Achievements/Activities

- Runner-up in entertainment award of **ICHack** 2020 (largest student-run hackathon in UK, 400 participants).
- Active member of Department of Computing Society and Data Science Society at Imperial, and **BCS** and **IET**.
- Regularly attend technical and industry events, such as the Netcraft JavaScript Skimming competition.
- Performed at Shakespeare's historic Globe Theatre.